

**Flood Control Project Maintenance**  
**2019 Structure Summary Report**  
**Overall Unit and Item Ratings**

## Butte County Department of Public Works

### Big Chico Creek Diversion Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**2019 Structure Summary Report**  
**Overall Unit and Item Ratings**

**Butte County Department of Public Works (cont.)**

**Lindo Channel Control Structure**

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	M
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**2019 Structure Summary Report**  
**Overall Unit and Item Ratings**

## Butte County Department of Public Works (cont.)

### Lindo Channel Diversion Weir

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	M
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**Unit Cover Sheet**  
**2019 Structure Inspection Results**

**Butte County Department of Public Works**

Structure
Big Chico Creek Diversion Structure

Structure Rating	A
Date of Inspection	7/9/2019
DWR Inspector	Sterling York
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2019**

**Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_1				
Action/Comments					

Photo 1 of 4 : ST\_2019\_NA0003\_35\_1\_20190718\_00023.jpg



This is a view looking across the structure from the right bank, 2019.

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST\_2019\_NA0003\_35\_1\_20190718\_00024.jpg



This is a view looking across the structure from the left bank, 2019.

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 4 : ST\_2019\_NA0003\_35\_1\_20190718\_00025.jpg



View of the structure from upstream right bank, 2019.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2019**

**Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	1 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Photo Documentation			39.761844 °		39.761844 °
				-121.792559 °		-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_1					
Action/Comments						

Photo 4 of 4 : ST\_2019\_NA0003\_35\_1\_20190718\_00026.jpg



View of the structure from downstream right bank, 2019.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	39.761844 °		39.761844 °	
		-121.792559 °		-121.792559 °	
DWR ID	DWR_NA0003_35_t_2012_2				
Action/Comments					
Inspector Comments: Minimal vegetation, the flow does not appear to be impeded.					

Photo 1 of 2 : ST\_2019\_NA0003\_35\_2\_20190718\_00027.jpg



View looking upstream at the vegetation, 2019.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2019\_NA0003\_35\_2\_20190718\_00028.jpg



View looking downstream at the vegetation, 2019.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2019**

**Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Shoaling / Sedimentation			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation observed, 2019.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_4				
Action/Comments					
Inspector Comments: No erosion observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_5				
Action/Comments					
Inspector Comments: Riprap is visible and appears to be properly maintained, 2019.					

Photo 1 of 4 : ST\_2019\_NA0003\_35\_5\_20190718\_00029.jpg



View of revetment on the upstream side of the structure right bank, 2019.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	5 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Revetments			39.761844 °		39.761844 °
				-121.792559 °		-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_5					
Action/Comments						
Inspector Comments: Riprap is visible and appears to be properly maintained, 2019.						

Photo 2 of 4 : ST\_2019\_NA0003\_35\_5\_20190718\_00030.jpg



View of revetment on the upstream side of the structure left bank, 2019.

Photo 3 of 4 : ST\_2019\_NA0003\_35\_5\_20190718\_00032.jpg



View of revetment on the downstream side of the structure right bank, 2019.

Photo 4 of 4 : ST\_2019\_NA0003\_35\_5\_20190718\_00031.jpg



View of revetment on the downstream side of the structure left bank, 2019.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Encroachments	39.761844 °		39.761844 °	
		-121.792559 °		-121.792559 °	
DWR ID	DWR_NA0003_35_t_2012_6				
Action/Comments					
Inspector Comments: No encroachment present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Inlets / Outlets	39.761844 °		39.761844 °	
		-121.792559 °		-121.792559 °	
DWR ID	DWR_NA0003_35_t_2012_7				
Action/Comments					
Inspector Comments: The culverts appear to be in good condition.					

Photo 1 of 1 : ST\_2019\_NA0003\_35\_7\_20190718\_00033.jpg



View of the outlets of the structure, both inlets and outlets are in good condition, 2019.

LM Start	0.00	Rating **	A	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			39.761844 °		39.761844 °
				-121.792559 °		-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_8					
Action/Comments						
Inspector Comments: The culverts appear to be in good condition.						

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	9	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Metal Pipes			39.761844 °		39.761844 °
				-121.792559 °		-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_9					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	39.761844 °		39.761844 °	
		-121.792559 °		-121.792559 °	
DWR ID	DWR_NA0003_35_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Flap Gates	39.761844 °		39.761844 °	
		-121.792559 °		-121.792559 °	
DWR ID	DWR_NA0003_35_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_12				
Action/Comments					
Inspector Comments: Gate appears to be in good condition, debris in front of gates should be removed but currently is not impeding the flows, 2019.					

Photo 1 of 2 : ST\_2019\_NA0003\_35\_12\_20190718\_00034.jpg



View of slide gates, 2019.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>12 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2019\_NA0003\_35\_12\_20190718\_00035.jpg



Closer view of the slide gates. Minimal debris at gate does not appear to be obstructing flows but needs to be removed, 2019.

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_14				
Action/Comments					
Inspector Comments: Manual gate operators appear to be in good working condition. They show no damage and there is evidence of being greased and maintained. Unable to test screw gates, 2019.					

Photo 1 of 2 : ST\_2019\_NA0003\_35\_14\_20190718\_00036.jpg



View of manual gate operators, 2019.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>14 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2019\_NA0003\_35\_14\_20190718\_00038.jpg



Closer view of manual gate operator, 2019.

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_15				
Action/Comments					
Inspector Comments: The concrete surface appears to be in good condition.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_16				
Action/Comments					
Inspector Comments: No tilting, sliding or settlement observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_17				
Action/Comments					
Inspector Comments: The concrete foundations appear in good condition.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2019**

**Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		07/09/2019 07/09/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_22				
Action/Comments					
Inspector Comments: Monolith joints appear to be in good condition.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2012_23				
Action/Comments					
Inspector Comments: There are hand rails installed for fall protection safety, 2019.					

Photo 1 of 1 : ST\_2019\_NA0003\_35\_23\_20190718\_00039.jpg



View of safety handrails on structure of the downstream side, 2019.

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			39.761844 °	39.761844 °
				-121.792559 °	-121.792559 °
DWR ID	DWR_NA0003_35_t_2013_24				
Action/Comments					
Inspector Comments: Butte County Public Works has a copy of the O&M manual on file. There is not a spot on site to house the O&M manual.					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance**  
**Unit Cover Sheet**  
**2019 Structure Inspection Results**

**Butte County Department of Public Works**

Structure
Lindo Channel Control Structure

Structure Rating	A
Date of Inspection	7/10/2019
DWR Inspector	Sterling York
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_1				
Action/Comments					

Photo 1 of 4 : ST\_2019\_NA0003\_48\_1\_20190718\_00019.jpg



View of the structure from bike path looking north, 2019.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST\_2019\_NA0003\_48\_1\_20190718\_00020.jpg



View of the structure from bike path looking south, 2019.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 4 : ST\_2019\_NA0003\_48\_1\_20190718\_00021.jpg



View of structure looking upstream, 2019.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2019**

**Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	1 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Photo Documentation			39.761541 °		39.761541 °
				-121.797236 °		-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_1					
Action/Comments						

Photo 4 of 4 : ST\_2019\_NA0003\_48\_1\_20190718\_00022.jpg



View of structure looking downstream, 2019.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	39.761541 °		39.761541 °	
		-121.797236 °		-121.797236 °	
DWR ID	DWR_NA0003_48_t_2012_2				
Action/Comments					
Inspector Comments: There is minimal vegetation downstream, with more grasses and some trees upstream, however the flow is not likely to be impeded, 2019.					

Photo 1 of 2 : ST\_2019\_NA0003\_48\_2\_20190718\_00023.jpg



View of the vegetation looking upstream from the structure, 2019.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2019\_NA0003\_48\_2\_20190718\_00024.jpg



View of the vegetation looking downstream from the structure, 2019.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2019**

**Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Shoaling / Sedimentation			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation was observed at structure, 2019.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_4				
Action/Comments					
Inspector Comments: No erosion was observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_5				
Action/Comments					
Inspector Comments: Riprap is visible and appears to be properly maintained.					

Photo 1 of 1 : ST\_2019\_NA0003\_48\_5\_20190718\_00025.jpg



View from the right bank of the revetment at the outlet of the structure, 2019.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	6	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			39.761541 °	39.761541 °	
				-121.797236 °	-121.797236 °	
DWR ID	DWR_NA0003_48_t_2012_6					
Action/Comments						
Inspector Comments: No encroachments were observed.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_7				
Action/Comments					
Inspector Comments: The culverts appear to be in good condition, the flow does not appear to be impeded.					

Photo 1 of 2 : ST\_2019\_NA0003\_48\_7\_20190718\_00026.jpg



View of the box culvert/outlet, 2019.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>7 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2019\_NA0003\_48\_7\_20190718\_00027.jpg



View of the box culvert/inlet, 2019.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2019**

**Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Breaks / Holes / Cracks	39.761541 °		39.761541 °	
		-121.797236 °		-121.797236 °	
DWR ID	DWR_NA0003_48_t_2012_8				
Action/Comments					
Inspector Comments: The culverts appear to be in good condition.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2019**

**Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	39.761541 °		39.761541 °	
		-121.797236 °		-121.797236 °	
DWR ID	DWR_NA0003_48_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_12				
Action/Comments					
Inspector Comments: Gates appear to be in good condition, 2019.					

Photo 1 of 1 : ST\_2019\_NA0003\_48\_12\_20190718\_00028.jpg



View of slide gates, 2019.

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	39.761541 °		39.761541 °	
		-121.797236 °		-121.797236 °	
DWR ID	DWR_NA0003_48_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2019**

**Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_14				
Action/Comments					
Inspector Comments: Manual gate operators show no sign of damage and are greased and appear to be in good condition, 2019.					

Photo 1 of 2 : ST\_2019\_NA0003\_48\_14\_20190718\_00029.jpg



View looking north. Manual gate operators are greased and appear to be in good condition, 2019.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>14 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2019\_NA0003\_48\_14\_20190718\_00030.jpg



Closer view looking at manual gate operators that are greased and appear to be in good condition, 2019.

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_15				
Action/Comments					
Inspector Comments: The concrete surface appears to be in good condition.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2019**

**Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_16				
Action/Comments					
Inspector Comments: No areas of tilting, sliding or settlement were observed, 2019.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_17				
Action/Comments					
Inspector Comments: The concrete foundation appears to be in good condition.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Closure Structures	39.761541 °		39.761541 °	
		-121.797236 °		-121.797236 °	
DWR ID	DWR_NA0003_48_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Rakes	39.761541 °		39.761541 °	
		-121.797236 °		-121.797236 °	
DWR ID	DWR_NA0003_48_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	39.761541 °		39.761541 °	
		-121.797236 °		-121.797236 °	
DWR ID	DWR_NA0003_48_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2019**

**Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_22				
Action/Comments					
Inspector Comments: Monolith joints appear to be in good condition.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_23				
Action/Comments					
Inspector Comments: Safety rail and fence is installed. Chain-link safety fence that ties to safety rail on both downstream sides have been pulled back and needs to be repaired, 2019.					

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>23 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 1 of 4 : ST\_2019\_NA0003\_48\_23\_20190718\_00031.jpg



View of the downstream side safety fence, 2019.

Photo 2 of 4 : ST\_2019\_NA0003\_48\_23\_20190718\_00032.jpg



View of the upstream side safety fence, 2019.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2019**

**Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	M	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2012_23				
Action/Comments					
Inspector Comments: Safety rail and fence is installed. Chain-link safety fence that ties to safety rail on both downstream sides have been pulled back and needs to be repaired, 2019.					

Photo 3 of 4 : ST\_2019\_NA0003\_48\_23\_20190718\_00033.jpg



View of left bank chain-link safety fence that ties to safety rail on both downstream sides have been pulled back, 2019.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>23 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 4 of 4 : ST\_2019\_NA0003\_48\_23\_20190718\_00034.jpg



View of right bank chain-link safety fence that ties to safety rail on both downstream sides have been pulled back, 2019.

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			39.761541 °	39.761541 °
				-121.797236 °	-121.797236 °
DWR ID	DWR_NA0003_48_t_2013_24				
Action/Comments					
Inspector Comments: Butte County Public Works has a copy of the O&M manual on file. There is not a spot on site to house the O&M manual.					

No Photos

\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance****Unit Cover Sheet****2019 Structure Inspection Results****Butte County Department of Public Works**

Structure
Lindo Channel Diversion Weir

Structure Rating	A
Date of Inspection	7/10/2019
DWR Inspector	Sterling York
Accompanied By	



**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			39.762405 °	39.762405 °
				-121.797317 °	-121.797317 °
DWR ID	DWR_NA0003_8_t_2012_1				
Action/Comments					

Photo 1 of 4 : ST\_2019\_NA0003\_8\_1\_20190716\_00017.jpg



View of overall weir looking north, 2019.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST\_2019\_NA0003\_8\_1\_20190716\_00018.jpg



View of weir looking south, 2019.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 4 : ST\_2019\_NA0003\_8\_1\_20190701\_00003.jpg



View of weir looking downstream, 2018.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			39.762405 °	39.762405 °
				-121.797317 °	-121.797317 °
DWR ID	DWR_NA0003_8_t_2012_1				
Action/Comments					

Photo 4 of 4 : ST\_2019\_NA0003\_8\_1\_20190701\_00004.jpg



Closer view of the weir looking downstream, 2018.

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			39.762405 °	39.762405 °
				-121.797317 °	-121.797317 °
DWR ID	DWR_NA0003_8_t_2012_2				
Action/Comments					
Inspector Comments: There is vegetation however the flow does not appear to be impeded, 2019.					

Photo 1 of 2 : ST\_2019\_NA0003\_8\_2\_20190716\_00019.jpg



View of vegetation looking upstream from structure, 2019.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2019\_NA0003\_8\_2\_20190716\_00020.jpg



View of vegetation looking downstream towards structure, 2019.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Shoaling / Sedimentation			39.762405 °	39.762405 °
				-121.797317 °	-121.797317 °
DWR ID	DWR_NA0003_8_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation was observed, 2019.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.762405 °	39.762405 °
				-121.797317 °	-121.797317 °
DWR ID	DWR_NA0003_8_t_2012_4				
Action/Comments					
Inspector Comments: No erosion was observed, 2019.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Revetments			39.762405 °	39.762405 °	
				-121.797317 °	-121.797317 °	
DWR ID	DWR_NA0003_8_t_2012_5					
Action/Comments						
Inspector Comments: Riprap is visible and appears to be properly maintained, 2019.						

Photo 1 of 2 : ST\_2019\_NA0003\_8\_5\_20190701\_00009.jpg



View of revetment, downstream of the left bank buttress.

**\* Location**  
LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	5 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Revetments			39.762405 °		39.762405 °
				-121.797317 °		-121.797317 °
DWR ID	DWR_NA0003_8_t_2012_5					
Action/Comments						
Inspector Comments: Riprap is visible and appears to be properly maintained, 2019.						

Photo 2 of 2 : ST\_2019\_NA0003\_8\_5\_20190701\_00010.jpg



View of revetment, downstream of the right bank buttress.

LM Start	0.00	Rating **	M	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.762405 °	39.762405 °
				-121.797317 °	-121.797317 °
DWR ID	DWR_NA0003_8_t_2012_6				
Action/Comments					
Inspector Comments: Stump and wood debris encroaching in weir needs to be removed, 2019.					

Photo 1 of 1 : ST\_2019\_NA0003\_8\_6\_20190716\_00021.jpg



View of wood debris caught in the weir, 2019.

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			39.762405 °	39.762405 °
				-121.797317 °	-121.797317 °
DWR ID	DWR_NA0003_8_t_2012_7				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2019**

**Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			39.762405 °	39.762405 °	
				-121.797317 °	-121.797317 °	
DWR ID	DWR_NA0003_8_t_2013_8					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			39.762405 °	39.762405 °
				-121.797317 °	-121.797317 °
DWR ID	DWR_NA0003_8_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			39.762405 °	39.762405 °
				-121.797317 °	-121.797317 °
DWR ID	DWR_NA0003_8_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	39.762405 °		39.762405 °	
		-121.797317 °		-121.797317 °	
DWR ID	DWR_NA0003_8_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Sluice/Slide Gates	39.762405 °		39.762405 °	
		-121.797317 °		-121.797317 °	
DWR ID	DWR_NA0003_8_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			39.762405 °	39.762405 °
				-121.797317 °	-121.797317 °
DWR ID	DWR_NA0003_8_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Manual Gate Operators	39.762405 °		39.762405 °	
		-121.797317 °		-121.797317 °	
DWR ID	DWR_NA0003_8_t_2012_14				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	39.762405 °		39.762405 °	
		-121.797317 °		-121.797317 °	
DWR ID	DWR_NA0003_8_t_2012_15				
Action/Comments					
Inspector Comments: Concrete surface appears to be in good condition, 2019.					

Photo 1 of 2 : ST\_2019\_NA0003\_8\_15\_20190716\_00022.jpg



View of the concrete surfaces and left abutment, 2019.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2019\_NA0003\_8\_15\_20190716\_00023.jpg



View of the concrete surfaces and right abutment, 2019.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
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## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			39.762405 °	39.762405 °
				-121.797317 °	-121.797317 °
DWR ID	DWR_NA0003_8_t_2012_16				
Action/Comments					
Inspector Comments: There are no areas of tilting, sliding or settlement observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			39.762405 °	39.762405 °
				-121.797317 °	-121.797317 °
DWR ID	DWR_NA0003_8_t_2012_17				
Action/Comments					
Inspector Comments: The concrete foundation appears in to be good condition, 2019.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			39.762405 °	39.762405 °
				-121.797317 °	-121.797317 °
DWR ID	DWR_NA0003_8_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Closure Structures	39.762405 °		39.762405 °	
		-121.797317 °		-121.797317 °	
DWR ID	DWR_NA0003_8_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Rakes	39.762405 °		39.762405 °	
		-121.797317 °		-121.797317 °	
DWR ID	DWR_NA0003_8_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	39.762405 °		39.762405 °	
		-121.797317 °		-121.797317 °	
DWR ID	DWR_NA0003_8_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2019

### Butte County Department of Public Works

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	39.762405 °		39.762405 °	
		-121.797317 °		-121.797317 °	
DWR ID	DWR_NA0003_8_t_2012_22				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Safety	39.762405 °		39.762405 °	
		-121.797317 °		-121.797317 °	
DWR ID	DWR_NA0003_8_t_2012_23				
Action/Comments					
Inspector Comments: Fences are installed around the abutments for fall protection and are in good condition, 2019.					

Photo 1 of 2 : ST\_2019\_NA0003\_8\_23\_20190716\_00024.jpg



View of safety fence around the left bank buttress, 2019.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>23 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2019\_NA0003\_8\_23\_20190716\_00026.jpg



View of safety fence around the right bank buttress, 2019.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2019**

**Butte County Department of Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir		07/10/2019 07/10/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			39.762405 °	39.762405 °
				-121.797317 °	-121.797317 °
DWR ID	DWR_NA0003_8_t_2013_24				
Action/Comments					
Inspector Comments: Butte County Public Works has a copy of the O&M manual on file. There is not a spot on site to house the O&M manual.					

No Photos

**\* Location**  
LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement